

Table 2.15
All Cancer Sites (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2003-2007			Trend 1998-2007 ^c			Trend 1998-2007 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	461.6	538.9	408.0	-0.8*	-1.1*	-0.8*	-0.7*	-0.9*	-0.7*
White	469.2	541.5	419.6	-0.8*	-1.0*	-0.8*	-0.7*	-0.9*	-0.7*
White Hispanic ^e	347.8	399.6	315.1	-1.2*	-1.9*	-0.4*	-	-	-
White Non-Hispanic ^e	489.8	564.3	438.0	-0.6*	-0.8*	-0.6*	-	-	-
Black	489.8	624.0	399.1	-1.4*	-2.3*	-0.2	-1.0*	-1.8*	-0.1
Asian/Pacific Islander	310.8	346.5	288.9	-0.6*	-1.1*	0.0	-	-	-
Amer Ind/Alaska Nat ^f	317.7	335.8	306.3	-0.1	-1.0*	0.7*	-	-	-
Hispanic ^e	342.5	394.8	309.2	-1.1*	-1.7*	-0.7*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2003-2007			Trend 1998-2007 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	183.8	225.4	155.4	-1.4*	-1.8*	-1.2*			
White	182.4	222.5	155.0	-1.3*	-1.6*	-1.1*			
White Hispanic ^e	126.3	155.5	106.0	-1.7*	-2.4*	-1.3*			
White Non-Hispanic ^e	186.7	227.5	158.8	-1.2*	-1.4*	-1.0*			
Black	224.2	296.5	180.6	-2.0*	-2.5*	-1.4*			
Asian/Pacific Islander	110.8	134.2	94.1	-1.6*	-2.0*	-1.1*			
Amer Ind/Alaska Nat									
Total U.S.	123.2	145.1	107.7	-1.6*	-2.4*	-0.7*			
CHSDA Counties	156.7	183.7	138.0	-0.2	-0.5*	0.0			
Non-CHSDA Counties	81.8	98.3	69.6	-3.5*	-4.7	-1.3*			
Hispanic ^e	122.1	150.5	102.3	-1.8*	-2.5*	-1.3*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

^c The 1998-2007 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2007.

^d The 1998-2007 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2007.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2007 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, New Hampshire, and North Dakota. The 1998-2007 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

^h The 1998-2007 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2007.

* The APC is significantly different from zero (p<.05).